

Appl. No. 10/697,910  
Examiner: HEWITT, JAMES M, Art Unit 3679  
In response to the Office Action dated December 2, 2005

Date: March 2, 2006  
Attorney Docket No. 10111392

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

Claim 1 (currently amended): An inflatable product, including;

a first chamber;

a first mechanically-controlled non-electrically controlled valve;

an air pump for inflating the first chamber through the first mechanically-controlled non-electrically controlled valve;

a first switch for activating the air pump and opening the first mechanically-controlled non-electrically controlled valve; and

a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on.

Claim 2 (original): The inflatable product as claimed in claim 1, wherein the second switch is a microswitch.

Claim 3 (currently amended): The inflatable product as claimed in claim 1, further comprising:

a second chamber;

a second mechanically-controlled non-electrically controlled valve through which the air pump inflates the second chamber; and

a third switch to activate the air pump and open the second mechanically-controlled non-electrically controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 4 (original): The inflatable product as claimed in claim 3, wherein the fourth switch is a microswitch.

Claim 5 (currently amended): An inflatable product, including:

a first chamber;

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a first pack body;  
a first mechanically-controlled non-electrically controlled valve disposed in the first pack body;  
an air pump for inflating the first chamber through the first mechanically-controlled non-electrically controlled valve;  
a first switch, disposed on the first pack body, for activating the air pump and mechanically opening the first mechanically-controlled non-electrically controlled valve; and  
a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on.

Claim 6 (original): The inflatable product as claimed in claim 5, wherein the second switch is a microswitch.

Claim 7 (original): The inflatable product as claimed in claim 5, wherein the second switch is disposed in the first pack body.

Claim 8 (previously presented): The inflatable product as claimed in claim 5, wherein the switch circuit is activated to supply the air pump with power when the second switch is turned on.

Claim 9 (currently amended): The inflatable product as claimed in claim 5, further comprising:  
a second chamber;  
a second mechanically-controlled non-electrically controlled valve, disposed in the first pack body, through which the air pump inflates the second chamber; and  
a third switch, disposed on the first pack body, to activate the air pump and open the second mechanically-controlled non-electrically controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 10 (original): The inflatable product as claimed in claim 9, wherein the fourth switch is a microswitch.

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**Claim 11 (original):** The inflatable product as claimed in claim 9, wherein the fourth switch is disposed in the first pack body.

**Claim 12 (previously presented):** The inflatable product as claimed in claim 9, wherein the switch circuit is activated to supply the air pump with power when the fourth switch is turned on.

**Claim 13 (original):** The inflatable product as claimed in claim 5, further comprising:

a second chamber;

a second pack body;

a second valve, disposed in the second pack body, through which the air pump inflates the second chamber; and

a third switch, disposed on the second pack body, to activate the air pump and open the second valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

**Claim 14 (original):** The inflatable product as claimed in claim 13, wherein the fourth switch is a microswitch.

**Claim 15 (original):** The inflatable product as claimed in claim 13, wherein the fourth switch is disposed in the second pack body.

**Claim 16 (previously presented):** The inflatable product as claimed in claim 13, wherein the switch circuit is activated to supply the air pump with power when the fourth switch is turned on.

**Claim 17 (previously presented):** The inflatable product as claimed in claim 1, wherein the switch circuit further comprises a relay activated to supply the air pump with power when the second switch is turned on.

**Claim 18 (currently amended):** The inflatable product as claimed in claim 5, wherein the first pack body is connected to built in the first chamber.

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Claim 19 (currently amended): The inflatable product as claimed in claim 7, wherein the first pack body is connected to built in the first chamber.

Claim 20 (previously presented): The inflatable product as claimed in claim 9, wherein the first pack body is connected to the second chamber.

Claim 21 (previously presented): The inflatable product as claimed in claim 11, wherein the first pack body is connected to the second chamber.

Claim 22 (previously presented): The inflatable product as claimed in claim 13, wherein the second pack body is connected to the second chamber.

Claim 23 (previously presented): The inflatable product as claimed in claim 15, wherein the second pack body is connected to the second chamber.

Claim 24 (new): An inflatable product, including:

- a first chamber;
- a first pack body;
- a first valve disposed in the first pack body;
- an air pump for inflating the first chamber through the first valve;
- a first switch, disposed on the first pack body, for activating the air pump and mechanically opening the first valve; and
- a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on, wherein the first pack body is built in the first chamber.

Claim 25 (new): The inflatable product as claimed in claim 1, wherein the first switch is mechanically connected to the first non-electrically controlled valve, such that motion of the first switch opens the first non-electrically controlled valve by physical force transmitted through the mechanical connection.

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Claim 26 (new): The inflatable product as claimed in claim 25, wherein motion of the first switch to open the first non-electrically controlled valve turns on the second switch.